



Royal College  
of Physicians

# NACAP

National Asthma and Chronic Obstructive  
Pulmonary Disease Audit Programme (NACAP)

## Adult asthma clinical audit 2019/20

Adults with asthma attacks discharged from hospitals in England,  
Scotland and Wales between 1 April 2019 and 31 March 2020

## Benchmarked key indicators

Published January 2021



In association with:

Commissioned by:





## Benchmarked key indicators

*To see aggregated, hospital-level data in full for patients admitted to hospital that were discharged between 1 April 2019 and 31 March 2020, please access the adult asthma secondary care clinical audit 2019-2020 data file available at: [www.rcplondon.ac.uk/adult-asthma-2019-20](http://www.rcplondon.ac.uk/adult-asthma-2019-20).*

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### Benchmarking of key indicators for participating hospitals

Table 1 shows the rationale for the chosen key performance indicators for participating hospitals.

Please note that small case numbers should be treated with caution as they are less likely to provide an accurate picture of the average level of care delivered to patients across these key indicators.

Small numbers (between 1–4) have been suppressed (with the corresponding percentage also removed) to ensure that the identification of individual patients is not possible.

**Table 1. Rationale for each process and outcome measure**

Benchmarking dashboard performance indicator	Rationale
<b>Process items / SIGN 2019 [9.2.6]</b>	
Measurement of peak flow (PEF) within 1 hour of arrival	<ul style="list-style-type: none"> <li>&gt; There is low attainment nationally for measurement of PEF within 1 hour of arrival</li> <li>&gt; Maps to <b>BTS/SIGN 2019 [9.2.3]</b>, <b>BTS/SIGN 2019 [9.2.6]</b>, <b>NICE 2013 QS25 [QS7]</b></li> </ul>
Respiratory specialist review carried out within 24 hours	<ul style="list-style-type: none"> <li>&gt; This has been selected as the patient priority for the adult asthma clinical audit, as selected by the NACAP patient panel</li> <li>&gt; Maps to <b>NICE 2013 QS25 [QS9]</b></li> <li>&gt; Patients in receipt of a respiratory specialist review were more likely to receive a discharge bundle and the associated elements of good practice care on discharge, as well as more likely to have their tobacco dependency addressed if a current smoker</li> </ul>
Systemic steroids administered within 1 hour of arrival to hospital	<ul style="list-style-type: none"> <li>&gt; Poor current performance nationally</li> <li>&gt; Maps to <b>NICE 2013 QS25 [QS8]</b></li> <li>&gt; Early administration of systemic steroids for asthma attacks is associated with better patient outcomes</li> </ul>

Table 2 shows the performance indicators national medians, lower quartiles and upper quartiles for the key indicators that have been presented in the unadjusted benchmarking of hospitals ([Table 2](#)). The values presented in [Table 2](#) have been derived by the method shown visually in the box and whisker plot ([Fig 8](#)). More specifically, to create the 'box', data for each key indicator were ordered numerically from smallest (whisker; P0) to largest (whisker; P100) to find the median (P50), the middle point of the values. The data are divided into two halves, which are then divided in half again to identify the lower quartile (P25) and the upper quartile (P75).

**Table 2. The median and interquartile ranges for each key indicator**

Median and interquartile ranges (%)	Key indicators			
	Cases audited*	Measurement of peak flow (PEF) within 1 hour of arrival (%)	Respiratory specialist review carried out within 24 hours (%)	Systemic steroids administered within 1 hour of arrival to hospital (%)**
Lower quartile	53	8	36	19
Median	96	15	50	26
Upper quartile	159	25	67	35

\* The number of cases audited is not necessarily the denominator for any of the key indicators given.

\*\*For people receiving steroids after arrival in hospital who have not had steroids immediately prior to arrival

**The colours refer to the quartile in which each result lies:**

**Red** = Result equal to or below lower quartile for that indicator

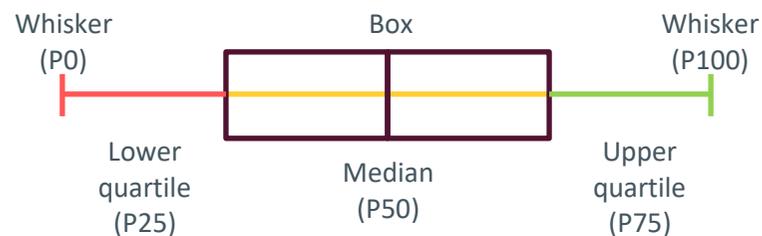
**Amber** = Result above lower quartile but below upper quartile for that indicator

**Green** = Result equal to or above upper quartile for that indicator

**Grey** = Not applicable as indicator not audited

- = Where numerator has been suppressed and the percentage result is neither 0% nor 100%

**Fig 8. Box and whisker plot**



**Table 3. Unadjusted benchmarking of key indicators for hospitals in England, Scotland and Wales**

Hospital name	Trust / health board name	Cases audited	Measurement of peak expiratory flow (PEF) within 1 hour of arrival		Respiratory specialist review carried out within 24 hours		Systemic steroids administered within 1 hour of arrival to hospital <sup>a</sup>	
			N	%	N	%	N	%
<b>National average (mean)</b>	<b>National</b>	<b>19,360</b>	<b>3,674</b>	<b>19%</b>	<b>10,142</b>	<b>52%</b>	<b>5,175</b>	<b>27%</b>
Addenbrooke's Hospital	Cambridge University Hospitals NHS Foundation Trust	195	33	17%	142	73%	28	14%
Airedale General Hospital	Airedale NHS Foundation Trust	148	39	26%	75	51%	32	22%
Barnet General Hospital	Royal Free London NHS Foundation Trust	83	9	11%	50	60%	14	17%
Barnsley District General Hospital	Barnsley Hospital NHS Foundation Trust	188	37	20%	82	44%	41	22%
Basildon Hospital	Basildon and Thurrock University Hospitals NHS Foundation Trust	82	<5	-	55	67%	35	43%
Basingstoke and North Hampshire Hospital	Hampshire Hospitals NHS Foundation Trust	86	10	12%	54	63%	28	33%
Bassetlaw District General Hospital	Doncaster and Bassetlaw Teaching Hospitals NHS Foundation Trust	46	6	13%	44	96%	13	28%
Bedford Hospital	Bedford Hospital NHS Trust	98	8	8%	65	66%	35	36%
Birmingham City Hospital	Sandwell and West Birmingham Hospitals NHS Trust	250	38	15%	167	67%	99	40%
Birmingham Heartlands Hospital	University Hospitals Birmingham NHS Foundation Trust	108	33	31%	89	82%	44	41%
Bradford Royal Infirmary	Bradford Teaching Hospitals NHS Foundation Trust	307	39	13%	65	21%	74	24%

<sup>a</sup> For people receiving steroids after arrival in hospital who have not had steroids immediately prior to arrival

Hospital name	Trust / health board name	Cases audited	Measurement of peak expiratory flow (PEF) within 1 hour of arrival		Respiratory specialist review carried out within 24 hours		Systemic steroids administered within 1 hour of arrival to hospital <sup>a</sup>	
			N	%	N	%	N	%
<b>National average (mean)</b>	<b>National</b>	<b>19,360</b>	<b>3,674</b>	<b>19%</b>	<b>10,142</b>	<b>52%</b>	<b>5,175</b>	<b>27%</b>
Bristol Royal Infirmary	University Hospitals Bristol NHS Foundation Trust	121	28	23%	55	45%	29	24%
Broomfield Chelmsford	Mid Essex Hospital Services NHS Trust	29	<5	-	7	24%	15	52%
Calderdale Royal Hospital	Calderdale and Huddersfield NHS Foundation Trust	109	13	12%	96	88%	21	19%
Charing Cross Hospital	Imperial College Healthcare NHS Trust	116	54	47%	72	62%	51	44%
Chelsea and Westminster Hospital	Chelsea and Westminster Hospital NHS Foundation Trust	77	24	31%	21	27%	35	45%
Cheltenham General Hospital	Gloucestershire Hospitals NHS Foundation Trust	53	15	28%	24	45%	15	28%
Chesterfield Royal	Chesterfield Royal Hospital NHS Foundation Trust	54	9	17%	24	44%	13	24%
Chorley Hospital	Lancashire Teaching Hospitals NHS Foundation Trust	69	7	10%	10	14%	28	41%
Colchester General Hospital	East Suffolk and North Essex NHS Foundation Trust	<5	0	0%	0	0%	0	0%
Conquest Hospital	East Sussex Healthcare NHS Trust	50	6	12%	27	54%	18	36%
Countess of Chester Hospital	Countess of Chester Hospital NHS Foundation Trust	48	<5	-	5	10%	13	27%
County Hospital (Stafford)	University Hospitals of North Midlands NHS Trust	59	<5	7%	21	36%	21	36%
Croydon University Hospital	Croydon Health Services NHS Trust	95	14	15%	22	23%	33	35%
Cumberland Infirmary	North Cumbria Integrated Care NHS Foundation Trust	14	<5	-	8	57%	10	71%

Hospital name	Trust / health board name	Cases audited	Measurement of peak expiratory flow (PEF) within 1 hour of arrival		Respiratory specialist review carried out within 24 hours		Systemic steroids administered within 1 hour of arrival to hospital <sup>a</sup>	
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Darent Valley Hospital	Dartford and Gravesham NHS Trust	121	43	36%	41	34%	34	28%
Darlington Memorial Hospital	County Durham and Darlington NHS Foundation Trust	126	5	4%	73	58%	30	24%
Derriford Hospital	University Hospitals Plymouth NHS Trust	249	16	6%	114	46%	37	15%
Diana, Princess of Wales Hospital	Northern Lincolnshire and Goole NHS Foundation Trust	93	20	22%	10	11%	46	49%
Doncaster Royal Infirmary	Doncaster and Bassetlaw Teaching Hospitals NHS Foundation Trust	109	23	21%	93	85%	29	27%
Dorset County Hospital	Dorset County Hospital NHS Foundation Trust	88	13	15%	70	80%	18	20%
Ealing Hospital	London North West University Healthcare NHS Trust	327	114	35%	173	53%	96	29%
East Surrey Hospital	Surrey and Sussex Healthcare NHS Trust	148	19	13%	68	46%	57	39%
Eastbourne District General Hospital	East Sussex Healthcare NHS Trust	26	5	19%	8	31%	8	31%
Epsom Hospital	Epsom and St Helier University Hospitals NHS Trust	55	7	13%	45	82%	20	36%
Fairfield General Hospital	Pennine Acute Hospitals NHS Trust	8	<5	-	<5	-	<5	-
Friarage Hospital	South Tees Hospitals NHS Foundation Trust	<5	<5	-	<5	-	<5	-
Frimley Park Hospital	Frimley Health NHS Foundation Trust	109	29	27%	64	59%	28	26%

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Furness General	University Hospitals of Morecambe Bay NHS Foundation Trust	50	12	24%	25	50%	13	26%
George Eliot Hospital	George Eliot Hospital NHS Trust	80	21	26%	29	36%	38	48%
Glenfield Hospital	University Hospitals of Leicester NHS Trust	335	136	41%	312	93%	35	10%
Gloucestershire Royal Hospital	Gloucestershire Hospitals NHS Foundation Trust	96	18	19%	56	58%	22	23%
Grantham and District General Hospital	United Lincolnshire Hospitals NHS Trust	36	16	44%	29	81%	15	42%
Harrogate District Hospital	Harrogate and District NHS Foundation Trust	95	21	22%	73	77%	26	27%
Hillingdon Hospital	The Hillingdon Hospitals NHS Foundation Trust	96	9	9%	43	45%	24	25%
Hinchingbrooke Hospital	North West Anglia NHS Foundation Trust	98	21	21%	42	43%	19	19%
Homerton Hospital	Homerton University Hospital NHS Foundation Trust	101	35	35%	40	40%	21	21%
Hull Royal Infirmary	Hull University Teaching Hospitals NHS Trust	267	12	4%	217	81%	34	13%
James Cook University Hospital	South Tees Hospitals NHS Foundation Trust	121	39	32%	86	71%	54	45%
James Paget Hospital	James Paget University Hospitals NHS Foundation Trust	138	35	25%	63	46%	30	22%
John Radcliffe Hospital	Oxford University Hospitals NHS Foundation Trust	36	5	14%	16	44%	6	17%
Kettering General Hospital	Kettering General Hospital NHS Foundation Trust	75	5	7%	12	16%	25	33%

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King George Hospital	Barking, Havering and Redbridge University Hospitals NHS Trust	161	32	20%	139	86%	79	49%
King's College Hospital	King's College Hospital NHS Foundation Trust	148	47	32%	84	57%	48	32%
Kings Mill Hospital	Sherwood Forest Hospitals NHS Foundation Trust	116	8	7%	59	51%	58	50%
Kingston Hospital	Kingston Hospital NHS Foundation Trust	84	17	20%	31	37%	26	31%
Leicester Royal Infirmary	University Hospitals of Leicester NHS Trust	<5	<5	100%	0	0%	0	0%
Leighton Hospital	Mid Cheshire Hospitals NHS Foundation Trust	66	9	14%	13	20%	10	15%
Lincoln County Hospital	United Lincolnshire Hospitals NHS Trust	118	12	10%	58	49%	35	30%
Lister Hospital	East and North Hertfordshire NHS Trust	176	41	23%	157	89%	105	60%
Luton and Dunstable Hospital	Luton and Dunstable University Hospital NHS Foundation Trust	221	50	23%	187	85%	60	27%
Lymington New Forest Hospital	Southern Health NHS Foundation Trust	16	6	38%	5	31%	5	31%
Macclesfield District General Hospital	East Cheshire NHS Trust	14	<5	-	10	71%	<5	-
Maidstone General Hospital	Maidstone and Tunbridge Wells NHS Trust	103	9	9%	46	45%	36	35%
Manchester Royal Infirmary	Manchester University NHS Foundation Trust	147	96	65%	97	66%	37	25%
Manor Hospital	Walsall Healthcare NHS Trust	220	0	0%	131	60%	75	34%

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Medway Maritime Hospital	Medway NHS Foundation Trust	134	18	13%	52	39%	47	35%
Milton Keynes General Hospital	Milton Keynes University Hospital NHS Foundation Trust	31	0	0%	18	58%	8	26%
Musgrove Park Hospital	Taunton and Somerset NHS Foundation Trust	146	39	27%	46	32%	40	27%
New Cross Hospital	The Royal Wolverhampton NHS Trust	99	10	10%	70	71%	35	35%
Norfolk and Norwich Hospital	Norfolk and Norwich University Hospitals NHS Foundation Trust	263	29	11%	188	71%	36	14%
North Devon District Hospital	Northern Devon Healthcare NHS Trust	36	8	22%	16	44%	13	36%
North Manchester General Hospital	Pennine Acute Hospitals NHS Trust	222	107	48%	90	41%	76	34%
North Middlesex Hospital	North Middlesex University Hospital NHS Trust	<5	0	0%	0	0%	0	0%
Northampton General Hospital	Northampton General Hospital NHS Trust	205	57	28%	68	33%	55	27%
Northern General Hospital	Sheffield Teaching Hospitals NHS Foundation Trust	108	29	27%	104	96%	17	16%
Northumbria Specialist Emergency Care Hospital	Northumbria Healthcare NHS Foundation Trust	155	16	10%	141	91%	26	17%
Northwick Park Hospital	London North West University Healthcare NHS Trust	294	33	11%	135	46%	86	29%
Nottingham City Hospital	Nottingham University Hospitals NHS Trust	123	28	23%	111	90%	23	19%
Peterborough City Hospital	North West Anglia NHS Foundation Trust	253	51	20%	51	20%	51	20%

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Pilgrim Hospital	United Lincolnshire Hospitals NHS Trust	112	10	9%	49	44%	43	38%
Pinderfields General Hospital	Mid Yorkshire Hospitals NHS Trust	53	22	42%	43	81%	23	43%
Poole General Hospital	Poole Hospital NHS Foundation Trust	158	31	20%	79	50%	37	23%
Princess Alexandra Hospital	The Princess Alexandra Hospital NHS Trust	87	13	15%	57	66%	41	47%
Princess Royal Hospital (Haywards Heath)	Brighton and Sussex University Hospitals NHS Trust	<5	0	0%	0	0%	0	0%
Princess Royal University Hospital (Bromley)	King's College Hospital NHS Foundation Trust	34	0	0%	<5	-	6	18%
Queen Elizabeth Hospital, Edgbaston	University Hospitals Birmingham NHS Foundation Trust	270	10	4%	94	35%	43	16%
Queen Elizabeth Hospital, Gateshead	Gateshead Health NHS Foundation Trust	216	76	35%	147	68%	42	19%
Queen Elizabeth Hospital, Woolwich	Lewisham and Greenwich NHS Trust	85	<5	-	31	36%	31	36%
Queen Elizabeth The Queen Mother Hospital	East Kent Hospitals University NHS Foundation Trust	34	<5	-	15	44%	19	56%
Queens Hospital	University Hospitals of Derby and Burton NHS Foundation Trust	118	10	8%	72	61%	33	28%
Queens Hospital Romford	Barking, Havering and Redbridge University Hospitals NHS Trust	198	20	10%	165	83%	75	38%
Rotherham General Hospital	The Rotherham NHS Foundation Trust	71	8	11%	12	17%	21	30%
Royal Albert Edward Infirmary	Wrightington, Wigan and Leigh NHS Foundation Trust	57	<5	-	19	33%	8	14%

Hospital name	Trust / health board name	Cases audited	Measurement of peak expiratory flow (PEF) within 1 hour of arrival		Respiratory specialist review carried out within 24 hours		Systemic steroids administered within 1 hour of arrival to hospital <sup>a</sup>	
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Royal Berkshire Hospital	Royal Berkshire NHS Foundation Trust	231	8	3%	147	64%	48	21%
Royal Blackburn Hospital	East Lancashire Hospitals NHS Trust	472	170	36%	339	72%	118	25%
Royal Bournemouth General Hospital	The Royal Bournemouth and Christchurch Hospitals NHS Foundation Trust	202	15	7%	105	52%	39	19%
Royal Cornwall Hospital	Royal Cornwall Hospitals NHS Trust	147	38	26%	70	48%	37	25%
Royal Derby Hospital	University Hospitals of Derby and Burton NHS Foundation Trust	166	19	11%	90	54%	44	27%
Royal Devon and Exeter Hospital	Royal Devon and Exeter NHS Foundation Trust	118	22	19%	85	72%	19	16%
Royal Free Hospital	Royal Free London NHS Foundation Trust	63	22	35%	41	65%	29	46%
Royal Hampshire County Hospital	Hampshire Hospitals NHS Foundation Trust	97	6	6%	79	81%	28	29%
Royal Lancaster Infirmary	University Hospitals of Morecambe Bay NHS Foundation Trust	63	6	10%	36	57%	13	21%
Royal Liverpool University Hospital	Liverpool University Hospitals NHS Foundation Trust	213	15	7%	70	33%	27	13%
Royal Oldham Hospital	Pennine Acute Hospitals NHS Trust	128	13	10%	32	25%	46	36%
Royal Preston Hospital	Lancashire Teaching Hospitals NHS Foundation Trust	89	11	12%	27	30%	32	36%
Royal Stoke University Hospital	University Hospitals of North Midlands NHS Trust	302	53	18%	76	25%	58	19%

Hospital name	Trust / health board name	Cases audited	Measurement of peak expiratory flow (PEF) within 1 hour of arrival		Respiratory specialist review carried out within 24 hours		Systemic steroids administered within 1 hour of arrival to hospital <sup>a</sup>	
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Royal Surrey County Hospital	Royal Surrey County Hospital NHS Foundation Trust	87	10	11%	39	45%	14	16%
Royal Sussex County Hospital	Brighton and Sussex University Hospitals NHS Trust	17	<5	-	14	82%	6	35%
Royal United Hospital Bath	Royal United Hospitals Bath NHS Foundation Trust	111	13	12%	79	71%	16	14%
Royal Victoria Infirmary	The Newcastle Upon Tyne Hospitals NHS Foundation Trust	28	0	0%	6	21%	5	18%
Russells Hall Hospital	The Dudley Group NHS Foundation Trust	46	<5	-	29	63%	22	48%
Salford Royal Hospital	Salford Royal NHS Foundation Trust	165	41	25%	59	36%	32	19%
Salisbury District Hospital	Salisbury NHS Foundation Trust	103	24	23%	73	71%	30	29%
Sandwell District Hospital	Sandwell and West Birmingham Hospitals NHS Trust	146	7	5%	105	72%	46	32%
Scarborough General Hospital	York Teaching Hospital NHS Foundation Trust	168	5	3%	88	52%	49	29%
Scunthorpe General Hospital	Northern Lincolnshire and Goole NHS Foundation Trust	164	48	29%	84	51%	48	29%
South Tyneside District Hospital	South Tyneside and Sunderland NHS Foundation Trust	52	23	44%	34	65%	22	42%
Southampton General Hospital	University Hospital Southampton NHS Foundation Trust	63	14	22%	30	48%	15	24%
Southend Hospital	Southend University Hospital NHS Foundation Trust	203	21	10%	97	48%	45	22%
Southmead Hospital	North Bristol NHS Trust	218	58	27%	147	67%	44	20%

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			N	%	N	%	N	%
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Southport and Formby District General	Southport and Ormskirk Hospital NHS Trust	190	40	21%	13	7%	37	19%
St George's Hospital	St George's University Hospitals NHS Foundation Trust	77	18	23%	44	57%	27	35%
St Helier Hospital	Epsom and St Helier University Hospitals NHS Trust	62	<5	-	32	52%	16	26%
St James's University Hospital	Leeds Teaching Hospitals NHS Trust	40	14	35%	32	80%	7	18%
St Mary's Hospital, Newport	Isle of Wight NHS Trust	28	<5	7%	10	36%	5	18%
St Marys Hospital, Paddington	Imperial College Healthcare NHS Trust	208	54	26%	115	55%	57	27%
St Peter's Hospital	Ashford and St Peter's Hospitals NHS Foundation Trust	96	27	28%	31	32%	41	43%
St Richards Hospital	Western Sussex Hospitals NHS Foundation Trust	73	8	11%	39	53%	9	12%
St Thomas Hospital	Guy's and St Thomas' NHS Foundation Trust	27	14	52%	27	100%	19	70%
Stepping Hill Hospital	Stockport NHS Foundation Trust	207	19	9%	34	16%	41	20%
Sunderland Royal Hospital	South Tyneside and Sunderland NHS Foundation Trust	178	44	25%	94	53%	55	31%
Tameside General Hospital	Tameside And Glossop Integrated Care NHS Foundation Trust	115	9	8%	16	14%	22	19%
Torbay Hospital	Torbay and South Devon NHS Foundation Trust	175	6	3%	51	29%	45	26%
Tunbridge Wells Hospital	Maidstone and Tunbridge Wells NHS Trust	35	<5	9%	17	49%	13	37%

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University Hospital Aintree	Liverpool University Hospitals NHS Foundation Trust	25	<5	-	14	56%	6	24%
University Hospital Coventry	University Hospitals Coventry and Warwickshire NHS Trust	118	21	18%	83	70%	56	47%
University Hospital Lewisham	Lewisham and Greenwich NHS Trust	88	5	6%	51	58%	23	26%
University Hospital of North Durham	County Durham and Darlington NHS Foundation Trust	164	<5	-	87	53%	22	13%
University Hospital of North Tees	North Tees and Hartlepool NHS Foundation Trust	317	105	33%	120	38%	107	34%
Victoria Hospital	Blackpool Teaching Hospitals NHS Foundation Trust	107	<5	-	20	19%	7	7%
Warrington District General Hospital	Warrington and Halton Hospitals NHS Foundation Trust	67	7	10%	28	42%	10	15%
Warwick Hospital	South Warwickshire NHS Foundation Trust	94	16	17%	13	14%	29	31%
Watford General Hospital	West Hertfordshire Hospitals NHS Trust	6	0	0%	<5	-	<5	-
West Middlesex University Hospital	Chelsea And Westminster Hospital NHS Foundation Trust	61	17	28%	28	46%	29	48%
West Suffolk Hospital	West Suffolk NHS Foundation Trust	63	<5	-	20	32%	7	11%
Weston General Hospital	Weston Area Health NHS Trust	58	<5	-	14	24%	12	21%
Wexham Park Hospital	Frimley Health NHS Foundation Trust	178	38	21%	82	46%	60	34%
Whittington Hospital	Whittington Health NHS Trust	132	33	25%	76	58%	56	42%

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			N	%	N	%	N	%
<b>National average (mean)</b>	<b>National</b>	<b>19,360</b>	<b>3,674</b>	<b>19%</b>	<b>10,142</b>	<b>52%</b>	<b>5,175</b>	<b>27%</b>
William Harvey Hospital	East Kent Hospitals University NHS Foundation Trust	30	<5	-	11	37%	17	57%
Worcestershire Royal Hospital	Worcestershire Acute Hospitals NHS Trust	166	25	15%	64	39%	52	31%
Worthing Hospital	Western Sussex Hospitals NHS Foundation Trust	66	9	14%	25	38%	22	33%
Wythenshawe Hospital	Manchester University NHS Foundation Trust	180	57	32%	170	94%	38	21%
Yeovil District Hospital	Yeovil District Hospital NHS Foundation Trust	40	5	12%	30	75%	18	45%
York District Hospital	York Teaching Hospital NHS Foundation Trust	229	60	26%	148	65%	50	22%
<b>Scotland (Please note the number of cases audited is not necessarily the denominator for any of the key indicators given)</b>								
Dumfries and Galloway Royal Infirmary	Dumfries a& Galloway	50	14	28%	22	44%	16	32%
Inverclyde Royal Hospital	Greater Glasgow & Clyde	67	13	19%	47	70%	19	28%
Ninewells Hospital	Tayside	<5	0	0%	<5	100%	0	0%
Victoria Hospital (Kirkcaldy)	Fife	6	<5	-	6	100%	0	0%
Wishaw General Hospital	Lanarkshire	42	10	24%	30	71%	8	19%
<b>Wales (Please note the number of cases audited is not necessarily the denominator for any of the key indicators given)</b>								
Bronglais General Hospital	Hywel Dda University LHB	25	6	24%	18	72%	6	24%
Glan Clwyd Hospital	Betsi Cadwaladr University Health Board	44	7	16%	17	39%	<5	-

Hospital name	Trust / health board name	Cases audited	Measurement of peak expiratory flow (PEF) within 1 hour of arrival		Respiratory specialist review carried out within 24 hours		Systemic steroids administered within 1 hour of arrival to hospital <sup>a</sup>	
			N	%	N	%	N	%
<b>National average (mean)</b>	<b>National</b>	<b>19,360</b>	<b>3,674</b>	<b>19%</b>	<b>10,142</b>	<b>52%</b>	<b>5,175</b>	<b>27%</b>
Glangwili General Hospital	Hywel Dda University LHB	13	0	0%	7	54%	<5	-
Llandough Hospital	Cardiff & Vale University LHB	94	31	33%	18	19%	13	14%
Morrison Hospital	Swansea Bay Local Health Board	159	28	18%	35	22%	37	23%
Nevill Hall Hospital	Aneurin Bevan University LHB	97	23	24%	52	54%	25	26%
Prince Charles Hospital	Cwm Taf Morgannwg University Local Health Board	70	18	26%	31	44%	6	9%
Princess Of Wales Hospital	Swansea Bay Local Health Board	134	67	50%	23	17%	24	18%
Prince Philip Hospital	Hywel Dda University LHB	28	6	21%	21	75%	7	25%
Royal Glamorgan	Cwm Taf Morgannwg University Local Health Board	51	6	12%	23	45%	6	12%
Singleton Hospital	Swansea Bay Local Health Board	116	7	6%	46	40%	<5	-
University Hospital of Wales	Cardiff & Vale University LHB	62	21	34%	35	56%	20	32%
Withybush General Hospital	Hywel Dda University LHB	11	0	0%	5	45%	<5	-

## National Asthma and COPD Audit Programme (NACAP)

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